



an Open Access Journal by MDPI

Remote Sensing Applications in Agricultural, Earth and Environmental Sciences

Guest Editors:

Dr. Romano Lottering

School of Agricultural, Earth and Environmental Sciences,
University of KwaZulu-Natal,
Durban 4041, South Africa

Dr. Kabir Peerbhay

SAPPI Forests Southern Africa,
Shaw Research Centre (SRC),
Howick 3290, South Africa

Dr. Samuel Adelabu

Department of Geography,
Faculty of Natural and
Agricultural Sciences, University
of The Free State, P.O. Box 339,
Bloemfontein 9300, South Africa

Deadline for manuscript
submissions:

20 November 2024

Message from the Guest Editors

Dear Colleagues,

Recent advances in remote sensing technology have improved the detection and mapping of features on the Earth's surface. These advances include refined sensor fidelity, which further elucidates processes that affect spatial phenomena when compared to earlier sensors. In addition, new developments in machine and deep learning approaches improve the prediction and accuracy of research outputs over conventional techniques. Such advances support research developments in many fields, opening new prospects in agriculture, Earth, and environmental sciences toward a more sustainable future.

Therefore, this issue calls for high-quality novel research and review articles on remote sensing applications in agriculture, Earth, and environmental sciences, focusing particularly on recent advances.

Dr. Romano Lottering

Dr. Kabir Peerbhay

Dr. Samuel Adelabu

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)